

S/022/60/013/002/007/007
C 111/ C 333

Transition Radiation to Front

The author thanks G. M. Garibyan and A. Ts. Amatuni for discussion and remarks.

There are 3 Soviet references.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State University)

SUBMITTED: October 31, 1959

Card 2/2

KORAKHONOV, E.

Yilda Uzbekiston SSR Dagi Oliy Va Urta Makhsus Uquv Yurtlariga Kiruvchilar Uchun
Spravochnik (Guidebook for Entrants to High and Intermediate Special Institutions of
Learning in The Uzbek SSR During 19) Toshkent, UZSSR Davlat Uquv Pedagogika
Nashriyati, 1953

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Lib. Has: 1953

SO: 42N/5
831.2
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KERESZTURY, Sandor, dr.; KORAKO, Agnes, dr.; GAL, Janos, dr.

Retrospective observations on lymph node changes in children. Gyermekgyógyászat 12 no.11:349-352 N '61.

1. A debreceni Orvostudományi Egyetem Kórházorvosi Intézete (Igazgató: Endes Pongrácz dr. egyetemi tanár), Gyermekklinikája (Igazgató: Kulcsár László dr. egyetemi tanár) és I.sz. Sebészeti Klinikája (Igazgató: Szeleczky Gyula dr. egyetemi tanár)

(LYMPH NODES pathol)

KORAL, B.

Standardization in the agricultural and food industries. p. 487.

PRZEMYSŁ SPOŻYWCZY. Warszawa. Vol. 9, no. 12, Dec. 1955.

SOURCE: East European Accessions List (EEAL) LC, VOL. 5, no. 3, Mar. 1956.

KORAL, B.

A conference of the baking industry.

P. 317 (PREZEMYSŁ SPOŻYWCY) (Warsaw, Poland) Vol. 11, no. 7, July 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5. 1958

Card 1/1

18

KORAL, V.;POKORNY, Z.

Thermal denaturation of catalase in rat liver. Cesk. fysiол. 9 no.1:
27 Ja 60.

1. Ustav patologické fysiologie FVL KU, Praha.
(LIVER chem.)
(CATALASE, chem.)

JANOUSEK, V.; KORAL, V.; POKORNY, Zd.

Contribution to the study on changes of liver catalase in
experimental porphyria. Acta univ. carol [med.] Suppl. 14:69-74
'61.

1. Ustav pro vseobecnou a pokusnou patologii fakulty vseobecneho
lekarstvi University Karlovy v Praze prednosta prof. dr. J.Hepner.
(CATALASE metab) (LIVER metab)
(PORPHYRIA exper)

POKORNY, Zdenek; KORAL, Vaclav; SULC, Karel

Denaturation kinetics of proteins as a method of investigation in pathologic physiology. Cas. lek. cesk. 101 no.29/30:888-893
20 J1 '62.

1. Ustav pro vseobecnou a pokusnou patologii fakulty vseobecneho
lekarstvi KU v Praze, prednosta prof. dr. J. Hepner.

(PROTEINS chemistry)

KORAL, V.; POŘORNÝ, Z.; JAMOUSEK, V.

Changes of denaturation kinetics of liver catalase in some pathological conditions. Acta univ. carol [med.] Suppl. 14: 75-82 '61.

1. Ustav pro vseobecnou a pokusnou patologii fakulty vseobecného lékařství University Karlovy v Praze přednosta prof. dr. J. Hepner.
(LIVER metab) (CATALASE metab)
(RADIATION INJURY exper) (STARVATION exper)

KOHOUT, J.; KORBOVA, L.; KORAL, V.; BLAZEK, K.

Central nervous influences on the denaturation of pepsin. Activ.
nerv. sup. 4 no.3/4:466-470 '62.

1. Fourth Clinic of Internal Medicine Inst. of Experimental Pathology
Central Biochemical Laboratory, Charles University, Prague.
(REFLEX CONDITIONED) (PEPSIN) (GASTRIC JUICE)
(CENTRAL NERVOUS SYSTEM)

KORAL, V.

On the problem of models of biological functions. Activ.
nerv. sup. 5 no.4:444-448 '63.

1. Ustav patologické fyziologie fakulty všeobecného lékařství
KU v Praze.

*

SOVA, J.; KOLAR, M.; KORAL, V.

Our experiences with radiocardiography. Acta univ. Carol [med]
(Praha): Suppl. 18: 13-17 '64.

1. II. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. F. Herles); Biofysikalni
ustav fakulty vseobecneho lekarstvi University Karlovy v Praze
(prednosta: doc. dr. Z. Dienstbier) a Ustav pro vseobecnou a
pokusnou patologii fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. J. Hepner).

CZECHOSLOVAKIA

KORAL, Vaclav, Dr. CSc; Institute of Pathological Physiology, Faculty of
General Medicine, Charles University, Prague

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824530007

"A Contribution to the Theory of Isotopic Metabolic Experiments."

Prague, Kybernetika, Vol 2, No 3, 66, pp 226-242

Abstract [English article, Author's English and Czech summaries, modified]:
The problems of a certain type of isotopic metabolic experiments are discussed.
A mathematical model of the metabolism is formulated containing the basic types
of chemical reactions that take place in the living organism. Three states of
the system, I, N and S, were distinguished on the basis of the course of the
rate constants or matter concentrations in time t_0 . Next, the kinetics of cer-
tain labeled and nonlabeled substances in the biological system were studied, and
the factors were discussed which influence the metabolism kinetics in the liv-
ing organism. In conclusion, the usefulness of isotopic metabolic experiments
is evaluated in various states of the biological system. One Western and two
Soviet-bloc references. Manuscript received 30 Sep 65.

CZECHOSLOVAKIA

KORAL, V.; VALENTA, J.; Institute of Pathological Physiology,
Faculty of General Medicine, Charles University (Ustav Patologic-
ke Fyziologie FVLKU), Prague.

L 45036-bb

ACC NR: AP6027202

SOURCE CODE: CZ/0088/66/000/003/0226/0242

AUTHOR: Koral, V. (Doctor; Candidate of Sciences)

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39

B

ORG: Institute of Pathological Physiology, Faculty of General Medicine, Charles University, Prague

TITLE: A contribution to the theory of isotopic metabolic experiments

22

isot

SOURCE: Kybernetika, v. 2, no. 3, 1966, 226-242

TOPIC TAGS: biologic metabolism, isotope, mathematic analysis, mathematic model

ABSTRACT: The paper examines the theory and utility of isotopic metabolic experiments. A mathematical model of metabolism is formulated and presented as a homomorphous model system on which the basic types of chemical interactions of organism compounds under various conditions are analyzed and studied in their relation to time and space. Three states of the metabolic system are defined in regard to the dynamic inequilibrium and concentration of matters, i. e., the general state, the steady, and the nonsteady state. The analog representation of the second and

Card 1/2

1/2

SYNAK, Yu. [Synak, J.] (Bratislava, Chekhoslovatskaya Sotsialisticheskaya
Respublika); GRNCHAR, Ya. [Hrncar, J.] (Bratislava, Chekhoslovat-
skaya Sotsialisticheskaya Respublika); KORAL'CHUK, I.I. [translator]

New herbicide. Zashch. rast. ot vred. i bol. 8 no.4:52-53 Ap '63.
(Herbicides) (Triazine) (MIRA 16:10)

MOLOCHNIKOV, I.M.; CHISTOSERDOV, B.P.; KOKOVA, V.A.; KORALEVA, M.P.

Effect of methods employed in the production of hydrogen
on the technical and economic indices of petrochemical and
petroleum refining production. Trudy BashNII NP no.7:
175-177 '64.
(MIRA 17:9)

KORAJEWSKI, E.

ROK equipment for automatic loading. Biuletyn Mech.

p. 5 (Przegląd Gorniczy. Vol. 12, no. 7/8, July/Aug. 1956. Katowice, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

KORALEWSKI, Eugeniusz, inz.

A way of passing through water-carrying throw tunnels. Wiadom gorn 13
no. 5:66-170 My 62.

KORALEWSKI, Eugeniusz, inz.

Universal working end tub shifter. Wiadom gorn 13 no.12:446-447
D '62.

KORALEWSKI, NORBERT

Distr: 4E20(m)

21 Automatic nitrogen oxide analyzer in the production of sulfuric acid by the chamber process. Zenon Braura, Jerzy Dankiewicz, Norbert Koralewski, and Julius Wesołowski (Inst. Sulfuric Acid and Phosphoric Fertilizers, Luboń, Poland). *Przemyśl Chem.* 38, 371-84 (1959).—In order to control the NO:NO₂ ratio in the gas for the absorption step in the chamber process, an automatic analyzer was designed to measure the concn. of NO₂ in the system and the sum of concns. of the latter and of NO₂ arising from oxidizing NO in the analyzer. For this purpose the photocolormeter (Visomat, type KWR) was used. It was standardized by NO₂ obtained as NO from HNO₃ in the reaction with Hg and H₂SO₄, followed by oxidn. with air. Photoelements, "Spezial Blau," and blue filters of BG12 type were used. The presence of O, N, SO₂, NO, H₂O, and HNO₃ did not interfere. The error of the photocolormeter was not higher than 1% of the range measured. The gases were purified from the H₂SO₄ suspension by a system of small cyclones and drying tubes.

J. Gallus-Olender

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MJC(JD)

KORALKA, J.

GEOGRAPHY & GEOLOGY

Periodicals: ZA KRASAMI DOMOVA Vol. 4, no. 7, July 1958.

KORALKA, J. Political meeting of Czechs and Germans in the foothills of the Jested mountain, in 1870; from the history of outdoor public meetings. p. 148.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KORALIOVA, V.V.

Eocene spore-pollen complexes in the eastern part of the Black
Sea Depression. Izv. vys. ucheb. zav.; geol. i razv. 7 no.5:
138-140 My '64. (MIRA 18:3)

1. Nauchno-issledovatel'skiy institut geologii Dnepropetrovskogo
gosudarstvennogo universiteta.

KORALLOVA, V.V.

Khadum spore and pollen complexes from the Oligocene deposits of
the eastern Black Sea region. Dokl. AN SSSR 148 no.5:1162-1163
P '63. (MIRA 16:3)

1. Nauchno-issledovatel'skiy institut geologii pri Dnepropetrovskom
gosudarstvennom universitete. Predstavleno akademikom A.L.Yanshinym.
(Kherson Province--Paleobotany)

KORALLOVA, V.V.

Spore and pollen complexes of the Upper and Middle Miocene of
the northern part of the Black Sea Lowland. Ukr. bot. zhur.
19 no.4:55-62 '62. (MIRA 15:9)

1. Dnepropetrovskiy gosudarstvennyy universitet, Nauchno-issledo-
vatel'skiy institut geologii.
(Black Sea region--Palynology)

KORALLOVA, V.V.

Palynological characteristics of Maikop sediments in the
northern part of the eastern Black Sea region (Ukrainian
S.S.R.) Sov. geol. 7 no.4:119-125 Ap'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut geologii
Dnepropetrovskogo gosudarstvennogo universiteta.

RUBIN, L.R.; ZHEKOVA, I.A.; KORAL'NIK, L.N.

Clinical and morphological examinations of teeth with inflamed
pulp. Stomatologiya 38 no.1:34-40 Ja-F. '59. (MIRA 12:3)

1. Iz Moskovskogo meditsinskogo stomatologicheskogo instituta
(dir. - dots. G. N. Beletskiy)
(TEETH--DISEASES)

S/079/60/030/05/49/074
B005/B125

AUTHORS: Abdurasuleva, A. R., Koral'nik, N. G.

TITLE: Cycloalkylation of Phenols and Phenol Ethers. IV. Condensation of 1,1 and 1,2-Methyl Cyclohexanol With Phenol ✓

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 5, pp. 1635-1637

TEXT: In their investigation of the alkylation of phenols with cyclic alcohols the authors studied the condensation of phenol with 1,1 and 1,2-methyl cyclohexanol in the presence of $AlCl_3$ and H_3PO_4 as catalysts at various temperatures (20-150°C). In the experiments with phosphoric acid as a catalyst the same conditions were met as in the analogous reaction of the cyclohexanol (Ref. 9); in the condensation with $AlCl_3$ as catalyst equimolecular amounts of cyclic alcohol and aluminum chloride with an eight-fold excess of phenol were caused to react. The reaction mixture was heated for five hours in a double boiler, irrespective of the catalyst used. In the condensation of both of the aforementioned cyclic alcohols with phenol, 4-(1-methyl cyclohexyl)-phenol forms as the major

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Cycloalkylation of Phenols and Phenol Ethers.
IV. Condensation of 1,1 and 1,2-Methyl Cyclo-
hexanol With Phenol

S/079/60/030/05/49/074
B005/B125

ASSOCIATION: Sredneaziatskiy gosudarstvennyy universitet (Central Asia
State University) /

SUBMITTED: May 4, 1959

Card 3/3

KORALOV, G.

"A Resonance Wavemeter^{ter}," G. Koralov, Leningrad

Radio, No 4, pp 37-38

The wavemeter described can be used to measure wavelengths from 10 to 3.16 m (30-95 Mc). A moving-coil microammeter^a (100 μ a required for full-scale deflection) serves as the indicator. ²

55-T/2

Z/019/62/019/004/002/003
D006/D102

AUTHOR: Koralun, M.

TITLE: Automatic voltage regulator of electrostatic precipitators

PERIODICAL: Přehled technické a hospodářské literatury, Energetika a elektro-
technika, v. 19, no. 4, 1962, 172, abstract # E 62-2329, Biul. Inst.
Energetiky 3, no. 5/6, May/June 1961, 19-22

TEXT: The paper covers the following topics: the determination of the
theoretical and operation-proved dependence of the electrostatic-precipitator
efficiency on voltage; reasons why voltage regulation is necessary for varying
fly-ash contents in flue gases, or for varying quantities of the gas to be puri-
fied; a proposal for an automatic voltage regulation based on the monitoring of
the flash-over voltage of the separator, or on the monitoring of the mean flash-
over rate in the separator. Experimental determination of the dependence of the
flash-over rate on voltage, and the dependence of the separator efficiency on
the flash-over rate are also dealt with. The original paper contains 10 figures
and 3 references. [Abstracter's note: Complete translation.]

Card 1/1

KONKOL, Jerzy, mgr.inz.; KORALUN, Marek, mgr.inz.; MOJAWSKI, Jerzy, mgr.inz.
APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824530007-2

Application of automatic control of the voltage of electrofilters.
Wiad elektrotechn 30 no.6:216-217 Je '62.

KORAJUN, Marek, mgr inż.; KONKOL, Jerzy, mgr inż.; MORAWSKI, Czesław,
mgr inż.

New measuring unit for the automatic control of electrostatic
precipitators. Pomiary 8 no.11:523-525 N '62.

1. Instytut Energetyki, Warszawa.

MORAWSKI, Czeslaw, mgr. inz.; KONKOL, Jerzy, mgr. inz.; KORALUN, Marek, mgr. inz.

Modernization of installations feeding electrostatic precipitators.
Energetyka 16 no.4: Suppl.: Biul Inst. Energ.:13-16 Ap '62.

1. Pracownia Automatyki, Gdansk

MORAVSKIY, Ch.S., inzh.; KORALYUN, M.E., inzh.; KONKOL', Yu.A., inzh.

RNITT-21 automatic voltage regulator. Elek. sta. 34 no.11:74-76 N '63.
(MIRA 17:2)

1. Energeticheskiy institut, Varshava.

NOTHING, A.

"Let us fight for victory in the competition for the Standard of the President of the Republic."

Uhli, Praha, Vol 3, No 6, June 1953, p. 165

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"Miners' Day in the last year of the Five-Year Plan."
Uhli, Praha, Vol 3, No 9, Sept. 1953, p. 242

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

"Development of socialist competition is a guaranty for fulfillment of the Plan in 1954."
Uhli, Praha, Vol 4, No 2, Feb. 1954, p. 41

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

KUCERA, A.

For further development of socialist competition. p. 113.

Evaluating the inquiry concerning the article "New Method of Exploiting Vast Steep Seams in the Northern Bohemian Brown Coal Mines." p. 116.

CSHLI, Praha, Vol. 5, no. 4, Apr. 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

KCRAN, A.

KCRAN, A. Initiative in work should be utilized in a better way. P. 319.

Vol. 5, No. 9, Sept. 1955.

UHLI

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956.

KORAN, L.

**ONE
MACHINERY
Vol. 111. - 1951
No. 1, Jan.**

1. A...
Reviewing the Soviet rotary rolling
machines

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

KORAN, I.

KORAN, I. - The production of machine tools and the international market
for machinery. p. 121
Vol. 8, no. 4, April 1956
Gep - Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4, April 1957

KORAN, I.

Some important technical economic factors of seamless tube production. Periodica polytechnica eng 5 no.3:287-297 '61.

(Pipe, Steel)

KORAN, Imre, okleveles gépészmérnök

Purchase price proportions of the main installations of heat power plants. Ipari energia 3 no.3:54-55 Mr '62.

KORAN, Imre

The international competition between diesel engines and
gas turbines. Jarmu mezo gep 7 no.8:317-320 '60.

KORAN, Imre, okleveles gepeszmernok

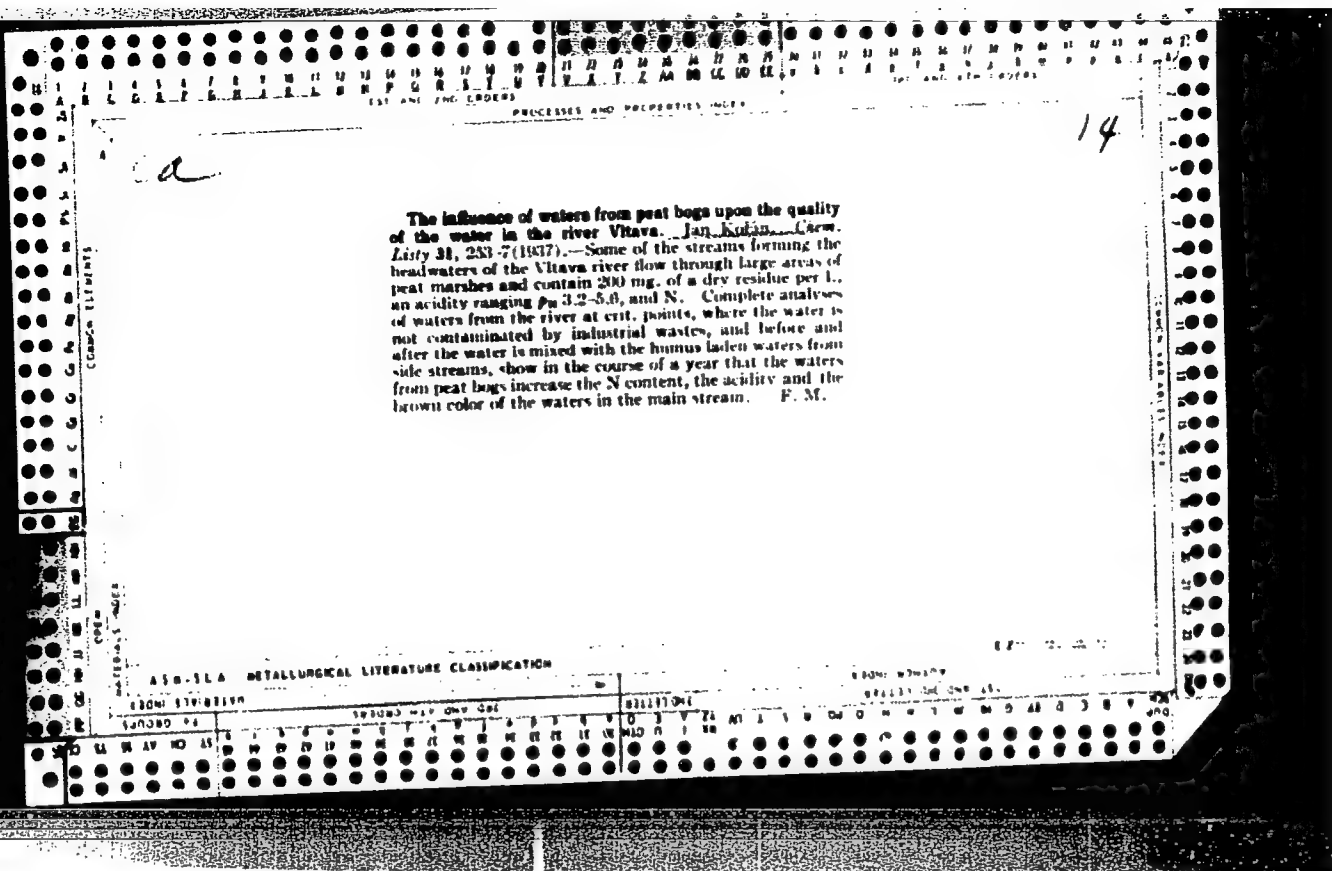
International production and trade of heavy-current installations.
Elektrotechnika 51 no.7/9:388-391 '58.

1. KOMPLEX Kulkereskedelmi Vallalat igazgato-helyettese.

KORAN, Imre, okleveles gepeszmernok

Selection of steam parameters in heat power plants. Ipari
energia 3 no.4:81-82 Ap '62.

1. Hoennergiagazdasagi es Tervezo Vallalat.



KORAN, J.

"Topography of Mining in Czech Lands in Pre-Hussite Times", P. 1, (VESTNIK ,
Vol. 29, No. 1, 1954, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3,
Mar 1955, Uncl.

NOVA, J.

Production means of Czech industry in the first half of the 19th
century. p. 9.
(SBORNIK PRO DEJINY PŘÍRODNÍCH VED A TECHNIKY, Vol. 1, 1954, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

KORAN, J.

KORAN, J. Our mining technique during the period of feudalism. p. 5.

Vol. 2, 1955

SBORNIK PRO DEJINY PRIRODNICH VED A TECHNIKY
TECHNOLOGY

Praha, Czechoslovakia

So: East European Accessions, Vol. 5, no. 5, May 1956

KORAN, J.

The beginnings of our mining schools; the 250th anniversary of the foundation of technical schools.

P. 113, (Rudy) Vol. 5, no. 4, Apr. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

ACCESSION NR: AP4014231

S/0201/63/000/004/0056/0064

AUTHOR: Koran', M. M.

TITLE: Processes of formation of semiconductor films in reactive diffusion in Zn--Se and Zn--Te systems

SOURCE: AN BSSR. Izvestiya. Ser. fiz. tekhn. nauk, no. 4, 1963, 56-64

TOPIC TAGS: semiconductor film formation, reactive diffusion, zinc--sulfide, zinc--selenium, zinc--tellurium, parabolic law, metallographic method, cubic structure, sphalerite type, growth rate, zinc displacement

ABSTRACT: The article gives the results of systematic research in the processes of reactive diffusion accompanying the formation of semiconductor films of zinc sulfide, selenide and telluride, in sulfur--zinc, selenium--zinc and tellurium-zinc systems, wherein reactive diffusion has not hitherto been studied by anyone to the author's knowledge save for his own three articles (jointly with N. N. Sirota) in DAN BSSR, 6, no. 10 and 12, 1962, and 7, no. 3, 1963. He found that the thickness of the film in all three systems increases with the

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ACCESSION NR: AP4014231

time according to the parabolic law. Using metallographic and x-ray methods to determine the composition and structure of the films, he found that the lattices of the compounds thus obtained have a cubic structure of the sphalerite type. The data obtained on the kinetics of layer growth also confirmed the parabolic law of reactive diffusion. Addition of insignificant admixtures of aluminum (up to 1% by weight) results in reduction of the growth rate. By the method of "inert signs" he established that film growth is due mainly to displacement of the zinc through the compounds formed. "In conclusion I regard it as my pleasant duty to express my thanks to Academician M. M. Siratsa of the Belorussian SSR Academy of Sciences for proposing the subject and directing the work." Orig. art. has: 2 diagrams of testing devices, 3 microphotographs, 4 tables and 1 graph.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 03Feb64

ENCL: 00

SUB CODE: CH

NO REF SOV: 007

OTHER: 002

Card 2/2

ALPHABETIC INDEX																										NUMERICAL INDEX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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BC

B-3-4

Evaluation of (Puro) raw sugars according to their rendement: V. Edlin (Z. Zuckerind. Caschodov., 1983, 87, 188-200, 204-206).—A formula incorporating all the factors which bear on the evaluation of a raw beet sugar for refining purposes is proposed.
J. P. O.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP 1: 100000-199999

GROUP 2: 200000-299999

GROUP 3: 300000-399999

GROUP 4: 400000-499999

GROUP 5: 500000-599999

GROUP 6: 600000-699999

GROUP 7: 700000-799999

GROUP 8: 800000-899999

GROUP 9: 900000-999999

GROUP 10: 1000000-1099999

GROUP 11: 1100000-1199999

GROUP 12: 1200000-1299999

GROUP 13: 1300000-1399999

GROUP 14: 1400000-1499999

GROUP 15: 1500000-1599999

GROUP 16: 1600000-1699999

GROUP 17: 1700000-1799999

GROUP 18: 1800000-1899999

GROUP 19: 1900000-1999999

GROUP 20: 2000000-2099999

GROUP 21: 2100000-2199999

GROUP 22: 2200000-2299999

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GROUP 29: 2900000-2999999

GROUP 30: 3000000-3099999

GROUP 31: 3100000-3199999

GROUP 32: 3200000-3299999

GROUP 33: 3300000-3399999

GROUP 34: 3400000-3499999

GROUP 35: 3500000-3599999

GROUP 36: 3600000-3699999

GROUP 37: 3700000-3799999

GROUP 38: 3800000-3899999

GROUP 39: 3900000-3999999

GROUP 40: 4000000-4099999

GROUP 41: 4100000-4199999

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GROUP 43: 4300000-4399999

GROUP 44: 4400000-4499999

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GROUP 52: 5200000-5299999

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GROUP 93: 9300000-9399999

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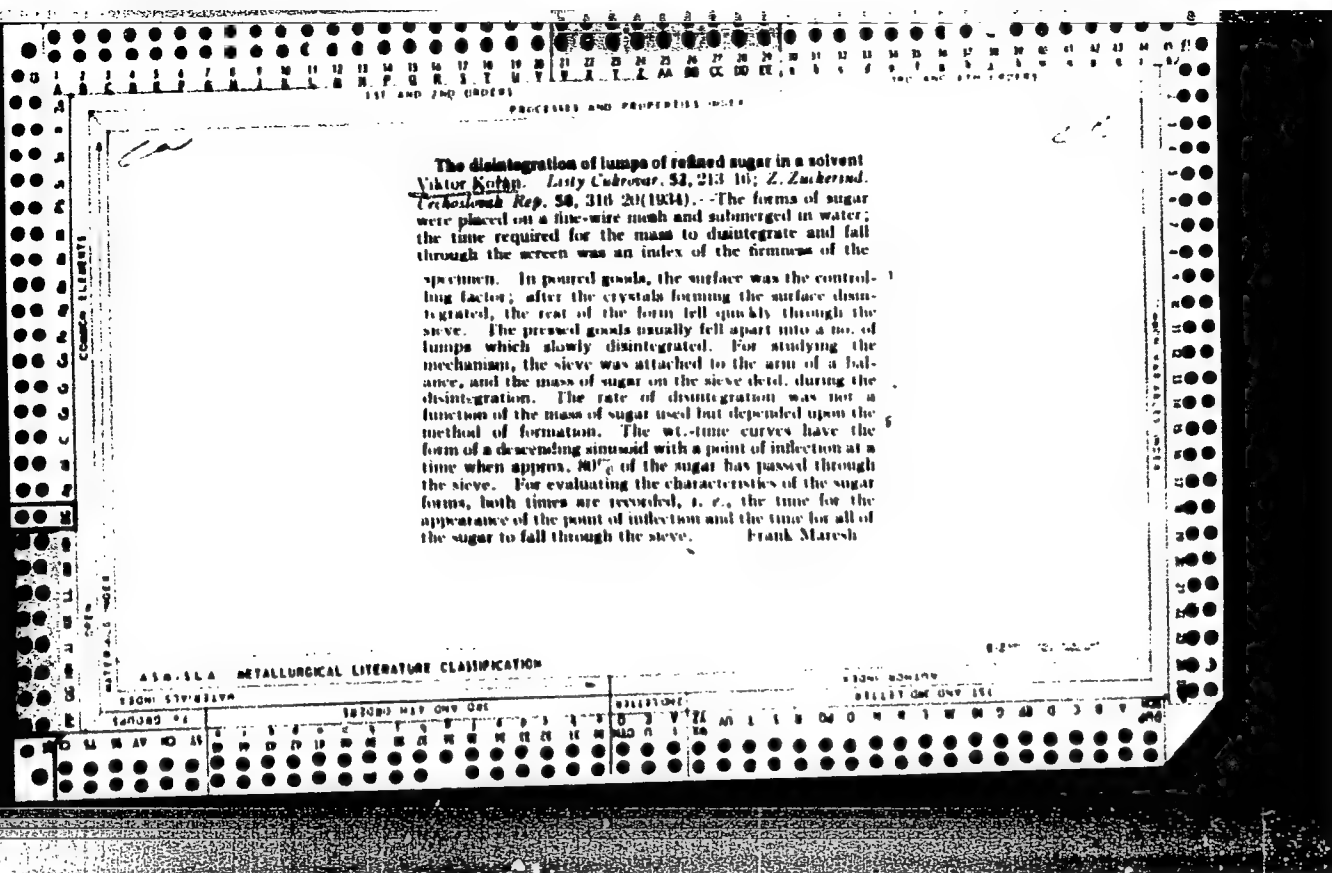
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GROUP 98: 9800000-9899999

GROUP 99: 9900000-9999999



ca

88

An improvised laboratory drying oven for determining
the dry matter in extracted slices. Viktor Kofin, Leningrad
(Abstract No. 272(1930), Z. Zuckerind., Tschelousk Rep.
60, 286.—A sieve 100 mm. in diam. and 35 mm. deep
contg. 40 g. of bent slices fits into a stove pipe 70 mm. high.
Over the sieve is a detachable dome with a narrow chimney
(13 mm. in diam.). When assembled, the dryer is
placed over a 500-watt elec. heater; it produces dry resi-
dues in 3 hrs. at 110°.

Frank Marsh

ASO-SLA METALLURGICAL LITERATURE CLASSIFICATION

BOOK DIVISION

ANNUAL NO. 1930-31

SERIAL NO. 1

DATE OF ACQUISITION

DATE OF DEPOSIT

How the juices move in the apparatus of a sugar factory. Viktor Kuznetsov, *Leningradskoye Radio*, 35, no. 54, 1947.

During the principle of marked units, K. added NaCl to a batch of juice which he passed through an evap. system together with juice from a regular run. By taking specimens from stopcocks at crit. points in evaporators and specimens from stopcocks for the Cl concn. K. was able by analyzing the specimens for the Cl sep. batch of juice through to follow the movement of the sep. batch of juice through the evap. system. On diagrams of three-stage evaporators of heat exchangers, and of satn. chambers he plots the curves (for the rate of flow of juices) at the points where such rates were studied and shows the positions in the app. where circulation, stagnation and regular movements occur. Not related to the exp't. was the observation that all of the added Cl left the app. completely and was accounted for in the analysis and that none of the Cl which is retained during an analysis of sugar juices is due to causes other than Cl.

Frank Marsh

Frank Marshall

ASD-324 METALLURGICAL LITERATURE CLASSIFICATION

100 AND 1000 CODES		PROCESSING AND PROPERTY CODES		100 AND 1000 CODES	
<p>BC B-3-2</p> <p>Movement of juice in the sugar factory. V. Koran (Z. Zuckering. Czechoslov., 1938, 62, 142-144, 150-152, 158-160).--In order to follow the rate of flow, and the efficiency of circulation, through the apparatus of the beet-sugar factory, NaCl was added to the juices in separate batches and its movement followed by taking samples from stopcocks and determining the Cl⁻ present. Diagrams and curves illustrate the movement of such marked juices in carbonatation tanks, heaters, evaporators, and crystallisers. In the case of a triple-effect evaporator, e.g., the juice is shown to pass through the second section in about 15 min. and through the whole of the apparatus in about 40 min. There was, however, considerable variation in the various results obtained.</p> <p style="text-align: right;">J. P. O.</p>					
ASD-11A METALLURGICAL LITERATURE CLASSIFICATION					
FROM 11000000		TO 11000000		FROM 11000000	
11000000		11000000		11000000	

* A statistical control of quality. Viktor Kofán. Listy Čechoslov. 59, 102(1941); cf. C.A. 37, 994; 41, 6741g.-- K. presents a simple statistical analysis applied to sampling of accumulated materials as berts, juices, coal, or sugar and advocates the use of a statistical av. instead of an arithmetical one for sugar products. Frank Marrah

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 10%; left: 10%; font-size: 40px;">CA</div> <div style="position: absolute; top: 15%; right: 10%; font-size: 40px;">28</div> <div style="position: absolute; top: 25%; left: 25%; width: 50%; height: 50%; border: 1px solid black; padding: 10px;"> <p>Uninterrupted purification of diffusion juices. Abhis Bodinek and Viktor Kotán. <i>Listy Cukrovar</i>, 64, 22-4 (1947).--A description of the operation of an app. built by Škoda for the continuous purification of diffusion juices after the first season of its use. It employs the fractional predigestion method of Bodinek-Váňata, the automatic regulation of lime addition, and the Russian continuous sapon. process. The report is limited to the economic savings and advantages. Frank Marešh</p> </div> </div>																																																			
<div style="display: flex; justify-content: space-between;"> <div> <p>COMMON ELEMENTS</p> <p>OPEN</p> <p>NATURAL INDEX</p> </div> <div> <p>ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>FROM DIVISION</p> </div> <div> <p>FROM DIVISION</p> </div> </div>																																																			
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111 AND 110 ORDERS																										110 AND 111 ORDERS																									
PROCESSING AND PROPERTIES INDEX																																																			
28																																																			
<p>Continuous digestion and saturation. Viktor Kofin. <i>Listy Cebrenar. 66, 193-6(1948).</i>—A process difficult to regulate and control is described. Frank Maresh</p>																																																			
<p>ASB-114 METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
<p>111 AND 110 ORDERS</p>																																																			
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PROCEDURES AND PROPERTIES INDEX																			
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<p>50. Development problems in the design of large vertical generators. <u>V. Koran. Elektrotech. Obz., 39, 171-5 (June, 1950) In Czech.</u> Detailed description of the mechanical design of a vertical shaft Skoda generator of 16 MVA, max. 18.5 MVA capacity, 10.5 kV, a normal speed of 125 r.p.m. and a run-away speed of 370 r.p.m. The rotor wheel which weighs 120 tons is built up of small sections; the support of the main thrust bearing is of welded construction with two of the six arms detachable to allow transport by rail. H. Norel</p>																			
<p>ASB-11A METALLURGICAL LITERATURE CLASSIFICATION</p>																			

KORAN, VIKTOR

Czechoslovakia/Chemical Technology - Chemical Products and Their Application.
Water Treatment. Sewage Water, I-11

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62495

Author: Koran, Viktor

Institution: None

Title: Purification of Waste Water of Sugar Refineries

Original

Periodical: O reseni otazky rizkovych vod v cukrovarech, Voda, 1953, 33, No 7-8,
177-182; Czech

Abstract: Reuse of waste water from diffusers is prevented by the presence therein of sugar (0.15-0.30%) the removal of which is most readily effected by the acid method of Ionash (conversion of sugar to non-sugar substances). Duration of treatment 3-5 hours. The presence of other substances in waste water does not interfere with its reuse in diffusers after dilution with fresh water without preliminary lime treatment and saturation with CO₂.

Card 1/1

KORAN, V.

"Substituting nonmagnetic steel for nonferrous metals." Slevarenstvi, Praha, Vol. 2, No. 6, June 1954, p. 173.

SO: Eastern European Accessions List, Vol. 3, No. 11, "ov. 1954, L.C.

KORAN, V.

"Waste water in sugar manufacture." Chemicke Zvesti, Bratislava, Vol. 8, No. 7, Sept. 1954, p. 410.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

Slovenaka higher tech school

COMMON ELEMENTS																										RARE EARTH ELEMENTS																										METALS AND ALLOYS																										NON-METALS AND COMPOUNDS																										GASES AND LIQUIDS																										ELECTROLYTES																										OTHERS																																																																													
<p>THE EVALUATION OF RAW SUGARS. Viktor Kofan. <i>Lentz Chemicar</i>, 63, 108-9 (1947). K. favors the formula ($Q_s = 5p_w / (6p_w + a) = 5p_w (5p_w + N_w - P_w)$) which assumes a rendement equal to zero and where p_w indicates the ash in the raw sugar, a is the org. nonsugar in the raw sugar, N_w is the dry matter in raw sugar, and P_w is the polarization of the raw sugar. The formula may be used for sugar solns. as well as for sirups. He shows how the formula can be modified for conditions in which the rendement is not equal to zero. Frank Marsh</p>																																																																																																																																																																																																																																									
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KORANG V.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Water treatment. Sewage water. I-11

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000824530007-

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12794

Author : Koran V.

Author : Korhan V.
Title : Isolation of Filarial Organisms from Industrial Sewage Water by Filtration

Orig Pub : Anapleické odlučování vláknitých látek z tekutin.
Vodní hospodářství, 1955, 5, No 6, 206-208 (Czech)

Abstract : For the removal of *Oidium lastis* and *Fusarium bulbigenum* from acid sewage water (SW) of alcohol and sugar production, air flotation is proposed. The basic requirement -- formation of air bubbles directly at the organisms being isolated, which permits their removal up to 90-100%. Purification of SW is completed 12-20 times more rapidly than by settling; purification units are of considerably smaller overall dimensions. The supernatant organisms remain at the surface up to 100 hours.

Card 1/1

- 193 -

KORAN, V.

(CZECHOSLOVAK)

KORAN, T.

Notes on the operation of sedimentation tanks. p. 283

VODA (Ustredni sprava vodniho hospodarstvi)
Vol. 35, No. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

KORAN, V. : HAVELKA, K.

The development of the constructional design of an alternator for the hydroelectric power station at Orlik.

P. 459 (Elektrotechnicky Orzor) Vol. 46, No. 9, Sept. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

KORAN, V.

"Hydroelectric-power plants Skoda made by the Lenin Works."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 11, no. 5, May 1959

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

Unclassified

KORAN, V.

"Dynamos for submerged hydraulic turbines."

Elektrotechnicky Obzor. Praha, Czechoslovakia. Vol. 48, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

KORAN, Vladimir, inz.

Tests of new designs of hydroalternators in Lenin Works. El tech
obzor 50 no.10:546-552 0 '61.

1. Zavody V. I. Lenina Plzen, n.p.

(Dynamos)

SEEMAN, Jindrich, inz.; HRBEK, Vladimír, inz.; BERDICH, Kamil, inz.;
KORAN, Vladimír, inz.

Notes on the reports of Seewald, Dockal and Kubik on hydroalternators.
El tech obsor 50 no.10:600-602 0 '61.

1. Ministerstvo paliv a energetiky (for Seeman) 2. Ceskomoravska-
Kolben-Dansk Praha, n.p. (for Hrbek) 3. Zavody V. I. Lenina Plzen,
n.p. (for Berdich and Koran)

(Dynamos)

CZECHOSLOVAKIA

KORANOVA, Z.; KORAN, V.; Research Institute of Husbandry Animals (UVUZV), Uhřetěves.

"The Relationship Between Sedimentation and Some Hematological Factors of Bohemian Breed Heifers and their Level of Feeding."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 381

Abstract: The sedimentation coefficient increases slightly during periods of insufficient food supply. The rate of sedimentation is not influenced by the density of the blood, but is influenced by its viscosity. Albumin increases the rate, gamma-globulin decreases it. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 9 Dec 65.

1/1

- 109 -

KORANDA, J.; KOUTNIK, J.; PEER, V.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000824530007-

Underground coal gasification. Peace Use Panel No. 105-1
'62.

Z/037/63/000/001/004/008
E140/E135

AUTHORS: Koranda, M., Pastrňák, J., and Rechziegel, E.

TITLE: Photoelectric recorder as spectrograph accessory

PERIODICAL: Československý časopis pro fysiku, no.1, 1963, 28-30.

TEXT: A brief description is given of a photoelectric recorder using a recording millivoltmeter in conjunction with a Row-Rathenaw FD-S spectrograph. It is intended for spectroscopy work in cases where photoelectric recording is preferable to photographic recording.
There are 3 figures.

ASSOCIATION: Kovohutě, Čelákovice (Koranda, M.);
Fysikální ústav ČSAV, Praha (Physics Institute
ČSAV, Prague) (Pastrňák, J., and Rechziegel, E.)

SUBMITTED: December 30, 1961

Card 1/1

KORANDA, Tomas

Experience with the mixing line operation in the plant 01
Plzen. Prum potravin 13 no.3:127-128 Mr '62.

1. Zapadocesky prumysl masny, n.p., Plzen.

KORANDO, V.A.; KHARASH, V.M.

"Cream separation" by N.N.Lipatov. Reviewed by V.A.Korando and
V.M.Kharash. Izv. vys. ucheb. zav.; pishch. tekhn. no.5:167-168
'61. (MIRA 15:1)

(Cream separators) (Lipatov, N.N.)

KORAN-LANDAU, I. B.

PA 47/49T92

USGR/Medicine - Tumors, Diagnosis Jan/Feb 49
Medicine - Sympathetic Nervous System,
Effect on

"Problem of Tumors of the Cervical Region
Affecting the Sympathetic Nervous System,"
I. B. Koran-Landau, IOR Clinic, Yaroslav
Med Inst, 3 pp (Oral/Written/Sec.)

"Vest Oto-Rino-Laringol" No 1

Presence of a compact, chronic tumor localized
in the thoracic region can be considered the
result of factors originating in the nervous
system. Frequently these tumors are present

47/49T92

USGR/Medicine - Tumors, Jan/Feb 49
Diagnosis (Contd)

Without any visible symptoms and can be deter-
mined only by histopathological examinations.

47/49T92

CZECHOSLOVAKIA

KORANOVA, Z.; KORAN, V.; Research Institute of Husbandry Animals (UVUZV), Uhreves.

"The Relationship Between Sedimentation and Some Hematological Factors of Bohemian Breed Heifers and their Level of Feeding."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 381

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- 109 -

Korotkiy, G. G.

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124

COLORIMETRIC DETERMINATION OF BERYLLIUM BY
MEANS OF NEW REAGENTS-BERYLLON. G. G. Korotkiy

(Moscow All Union Research Inst. of Chemical

Research) Zhur. Anal. Khim 11, 490-4 (1956) July-Aug.

(In Russian)

Investigations of Beryllon II revealed its indicator prop-
erties and its characteristic color changing from blue

to red. The reaction of the reagent with beryllium
ions has been developed for the determination of
beryllium in the presence of Fe³⁺, Cu²⁺, Ni²⁺, Al³⁺, Mn²⁺, and

114

Memostatic effect of ascorbic acid in hematuria. An-
dreas Kordányi and Aladár Bentzath. *Oxyen Hottlap. 79*,
378 (1935).—One or two doses of ascorbic acid stopped
renal hemorrhage in several cases. In some, the hemo-
static effect was accompanied by changes in compn. of
protein fractions of the blood plasma, while in others there
was no change in the protein. S. S. de Finály

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

115

PROCESS AND PROPERTIES

The mechanism of albuminuria. Andrus, Kenneth
Proc. Natl. Acad. Sci. USA 81(1984) Clinical experiments proved
 that not pathol. change of the albumin of the blood plasma
 but an increased permeability of the kidneys is the cause
 of both nephrotic and idiopathic albuminuria. Artificial
 albuminuria could be observed on administration of
 foreign albumin only if the albumin administered had
 smaller mols. than serum albumin S. S. de Fombas

ASR 514 DETAIL LITERATURE CLASSIFICATION

11f

A hormone in the parotid gland that decreases blood pressure. Extrapancreatic calcitriol. Andreas Kravitz, J. Edgar Nieren and H. H. Hays. *Chrom. Physiol.* 81, 30, 1961(1967); cf. C. A. 31, 3973. In dogs blood pressure is decreased by intravenous injections of human saliva. The active agent is calcitriol. Saliva of parotid gland contains calcitriol, sometimes active and sometimes inactive. The inactive form can be activated by treatment with acetic acid. One g. of fresh pig parotid gland contains 150 units of active calcitriol according to Frey and Kravitz. The active calcitriol is stable for 44 hrs. and they lost their activity on being kept at 37° for 1-4 hrs. and were reactivated by treatment with acetone. The active calcitriol is stable for 24 hrs. in 10 mM. Calcitriol is produced not only by the pancreas but also by the parotid gland. The former produces exclusively the active variety; the parotid contains also the inactive form. Saliva contains exclusively active calcitriol.

S. S. de Finay

1ST AND 2ND ORDERS		3RD AND 4TH ORDERS	
PROCESSING AND PROPERTIES INDEX			
<p><i>Ca</i></p> <p>Curing acidosis of diabetics by means of succinic acid treatment. Andras Koranyi and Albert Szent-Gyorgyi. <i>Orvosi Hetilap</i> 81, 615-18(1937).—Investigation of the combustion phenomena of the cells of living organisms led to the conclusion that administration of succinic acid to diabetics cures the bad effects of acidosis. The agent can be administered as an aq. soln. (10 g. in 400-500 g. water) or in the form of Ca succinate. The daily doses varied from 5 to 10 g.; they can be slowly diminished.</p> <p>S. S. de Finály</p> <p><i>11/11</i></p>			
ASD-314 METALLURGICAL LITERATURE CLASSIFICATION			
FROM SYMBOLS		FROM QUALITY	
LOCUS #	LOCUS #12 DIV 001	LOCUS #12	LOCUS #12 DIV 101

KARSAY, Gyula, dr.; KORANYI, Andras, dr.

New clinical syndrome caused by argentaffinoma. Orv. hetil.
96 no.20:550-552 15 May 55.

1. A Fovarosi Janos Korhas-rendelo (igaszato-foorvos:
Bakacs, Tibor dr.) I. Belosztalyanak (foorvos: Koranyi, Andras dr.)
kozlemenye.

(ARGENTAFFINOMA,

intestine, small, metastases to liver.)

(INTESTINE, SMALL, neoplasms,

argentaffinoma, metastases to liver.)

(LIVER, neoplasms,

argentaffinoma, metastases from small intestine.)

FKKETE, Laszlo, dr.; KORANYI, Andras, dr.

Two cases of the Mosse syndrome. Orv. hetil. 97 no.2:53-55 8 Jan 56.

1. A Janos Korhas-rendelo (igazgato-főorvos: Bakacs Tibor dr.) I sz. Belosztalyanak (főorvos: Koranyi Andras dr.) közleménye.
(LIVER CIRRHOSIS, compl.
polycythemia vera, Mosse synd., diag. (Hun))
(POLYCYTHEMIA VERA, etiol. & pathogen.
liver cirrhosis, Mosse synd., diag. (Hun))

KARSAY, Gyula, dr.; KORANYI, Andras, dr.

Anticoagulant therapy in Paget-Schroetter syndrome. Orv. hetil.
97 no.37:1027-1028 9 Sept 56.

1. A Fovarosi Janos Korhaz-rendelo (igaszato-foorvos: Bakacs, Tibor, dr.) I. sz. Belosztalyanak (foorvos: Koranyi, Andras, dr.) kozlemenye.
(THROMBOPHLEBITIS, ther.
axillary-subclavian thrombophlebitis, ethyl biscoumacetate
with heparin (Hun))
(ETHYL BISCOUMACETATE, ther. use
thrombophlebitis, axillary-subclavian, with heparin (Hun))
(HEPARIN, ther. use
thrombophlebitis, axillary-subclavian, with ethyl
biscoumacetate (Hun))

KORANYI, Andras, dr.; LORINCZ, Laszlo, dr.; KARSAY, Gyula, dr.;
~~BIKICH, Gyorgy, dr.; FENYES, Imre, dr.~~

Oral sulfonamideurea therapy in diabetes mellitus. Orv. hetil.
98 no.21:537-545 26 May 57.

1. A Fovarosí Tanács Janos Korhaz Rendelo Intezet (igazgato-
foorvos: Bakacs, Tibor, dr.) Belosztalyanak (foorvos: Koranyi, Andras,
dr.) Anyagosere (cukorbeteg) Rendelesenek (foorvos: Bikich, Gyorgy,
dr.) es Laboratoriumnak (foorvos: Hammer, Sarolta, dr.) koslomenye.
(DIABETES MELLITUS, ther.
carbutamide (Hun))
(UREA, related cpds.
carbutamide ther. of diabetes mellitus (Hun))
(SULFANILAMIDE, related cpds.
same)

KARSAY, Gyula, Dr.; KEHLI, Istvan, Dr.; KORANYI, Andras, Dr.

Pathography and therapy of intracerebral vascular attacks with
special regard to ACTH therapy. Orvn. hetil. 99 no.31:1049-1053
3 Aug 58.

1. A Janos Korhaz-rendelointezet (igazgato: Tako Jozsef dr.) I. sz.
Belosztalyanak (foorvos: Koranyi Andras dr.) koslemenye.

(CEREBRAL HEMORRHAGE, ther.

ACTH intravenous drop infusion (Hun))

(ACTH, ther. use

cerebral hemorrh., intravenous drop infusion (Hun))

HALMOS, Tamas, dr.; KORANYI, Andras, dr.; GERGELY, Rezső, dr.

New data on the etiopathogenesis of spontaneous hypoglycemia.
Orv.hetil. 100 no.39:1396-1401 S '59.

1. A jános korhas rendelőintézet (igazgató: Takó József dr.)
I. sz. belosztályának (főorvos: Koranyi Andras dr.) és segeszetenek
(főorvos: Gergely Rezső dr.) közleménye.
(HYPOGLYCEMIA etiol.)

KORANYI, Andras, dr.; JAKY, Miklos, kandidatus

Arteriosclerosis and fat metabolism. Dietary studies in
arteriosclerosis patients. Orv.hetil. 100 no.51:1828-1834
D '59.

1. A Fovarosi Tanacs Janos korhaz-rendelointezet (igazgato:
Tako Jozsef dr.) I. belosztalyanak (foorvos: Koranyi Andras dr.)
es Horenyolajipari Kutato Intezet (igazgato: Jaky Miklos
kandidatus) kozlemenye.

(ARTERIOSCLEROSIS metab.)

(FATS metab.)

(CHOLESTEROL blood)

(LIPIDS blood)

KORANYI, Andras; LISZKA, Gyorgy; SASVARI, Kalman

On crystalline substances in the vascular wall of the human organism.
Kiserl. orvostud. 13 no.6:603-609 D '61.

1. Janos Korhas es MTA Kozponti Kemiai Kutato Intezet Budapest.

(BLOOD VESSELS ~~chem~~)

KORANYI, Andras, Dr.

On a modern diet for arteriosclerotic patients. Elelm ipar
16 n6.4:116-119 Ap '62.

1. Janos korhaz, I.sz.Belosztaly.

KORANYI, Andras, dr.; HALMOS, Tamas, dr.; KOZMA, Gyorgy, dr.

Experience with a biguanide derivative in the treatment of diabetes.
Orv. hetil. 103 no.22:1029-1032 3 Je '62.

1. Fovarosí Tanács János Korhász, I. Belosztály.
(ANTIDIABETICS ther)

KORANYI, A., dr.

Prophylaxis and treatment of the coronary syndrome. Ther. Hung.
12 no.2:17-20 '63.

1. First Department of Medicine, Municipal Janos Hospital and
Polyclinic, Budapest.

(CORONARY DISEASE) (DIETARY FATS)
(BLOOD CHOLESTEROL) (FATTY ACIDS)
(DIET THERAPY)

HALMOS, Tamas, dr.; KORANYI, Andras, dr.; LOCZKA, Bela, dr.; SALAMON,
Ferenc, dr.; MAJOR, Elenore, dr. chem.

On the pathogenesis of hepatogenic hypoglycemia. Orv. hetil. 106
no.37:1761-1763 12 S'65.

1. Fovarosí Tamas, Janos Korhaz, I. Belosztaly.

KORANYI, A.

Korányi, A. Notes on the theory of monotone operator functions. Acta Sci Math Szeged 16 (1955), 241-245.

1.F/W

A function $f(z)$ is monotone of arbitrarily high order in $(-1, 1)$ if and only if it is analytic in $(-1, 1)$, can be analytically continued onto the entire upper half-plane, and has there a non-negative imaginary part. Bendat and Sherman [Trans. Amer. Math. Soc. 79 (1955), 59-71; MR 18, 589] proved this theorem of the monotone operator functions.

with the class of functions characterized above as functions monotonic of arbitrarily high order

Korányi, A.

Korányi, A. On a theorem of Löwner and its connections
with resolvents of selfadjoint transformations.

St. Math. Stud. 11 (1955) 1-10.

positive definite in the sense that if x_1, \dots, x_n are
points of D and x_1, \dots, x_n are the complex numbers
then $\sum_{j=1}^n \lambda_j \phi(x_j, x_j) \geq 0$ where $\phi(x, y) = \int_0^1 (1-t)^{n-1} \phi(x, y) dt$
for $x, y \in D$. It is known (Bendat and Sherman, Trans. Am. Math. Soc. 79 (1955)

78-71) that the class \mathcal{L}_n is closed under the operation

1-FW

KORANYI, A.

Hilbert space H when necessary and sufficient conditions
that there exists a linear operator T on H such that
operator T is self-adjoint and $T^2 = I$ and T is the projection of H onto H .
This is a well-known result.

3-FW

[Handwritten signature]

MT

KORANYI, Gyorgy

"Veszpremi Vegyipari Egyetem Közleményei." Periodical review
by Gyorgy Koranyi. Kem tud kozl MTA 18 no.1:155-157 '62.

KORANYI, Gyorgy, dr.

Efficiency of technical conferences. ~~Mus~~ et 19 no.3: 5
30 Ja'64.